

**REMARKS**

**Present Status of Application**

The Office Action rejected claims 1-20 under 35 U.S.C. 112, 1<sup>st</sup> paragraph as failing to comply with the enablement requirement. The Office Action rejected claims 1, 4-6, 12-17 and 19 under 35 U.S.C. 102(b) as being anticipated by Greeff et al. (US Patent Application Publication No. 2002/0083255; hereinafter "Greeff"). The Office Action further rejected claims 2-3 and 7-11 under 35 U.S.C. 103(a) as being unpatentable over Greeff. Furthermore, the Office Action rejected claim 18 under 35 U.S.C. 103(a) as being unpatentable over Greeff as applied to claim 17 above, and further in view of Chao (US Patent No. 7,099,972; hereinafter "Chao").

The Office Action objected the amendment filed September 10, 2007.

Applicants have amended claims 1-3, 7, 12 and 16. Support for the changes can be found throughout the specification and the drawings. All of the drawings illustrate that the devices, as well as paragraphs 0022 to 0027, have shown "a bus isolator control bus coupled between the bus isolator and the control apparatus". For example, in paragraph 0025, Applicants teach: "the DVD player 200 will issue a triggering signal via the bus isolator control bus 110 to activate the bus isolator 170 first" and "the DVD player 200 can issue a signal via the bus isolator control bus 110 to switch off the bus isolator 170 so that the card reader 270 can connect with the shared bus". As such, claims 1, 7, 12 and 16 are amended without entering any new matter. After entry of the foregoing amendments,

claims 1-20 remain pending in the present application, and reconsideration of those claims is respectfully requested.

**Previous Amendment**

The amendment filed September 10, 2007 is objected to under 35 U.S.C. 132(a) as introducing new matter into the disclosure.

In response to the objection thereto, Applicants have receded back to earlier versions without including any of the objected subject matter, in which the alleged new matter has been canceled.

**Requirement for Information**

Examiner required that Applicants should be submitted the publication entitled "The simplification and making of reliable one-to-multiple access system", Taiwanese Publication No. 546567 and Application No. 2002-0103372.

In response thereto, Applicants respectfully submits the publication to Examiner, and said publication file name is TW00546567.pdf. However, said publication does not apply for U.S. patent, so that the publication does not have any translation version thereof.

Accordingly, Applicants will submit the abstract for said publication to Examiner.

Said publication is directed to an access system with share pin or share bus for providing a proposal of accessing data to allow a first component (especially large size integrated circuit with more functions) accessing data to many other external components

such as memories and components with data through the share pin. Thus, the number of pins and the size of the first component can be minimized so as to avoid the bottleneck of design and make for large size integrated circuit. In addition, when the first component performs accessing data to a certain external device, a controllable circuit is utilized to isolate the other external devices from the first component so as to achieve the advantage of the share pin, and avoid data error or other disturbances caused by using the share pin at the same time.

**Claim Rejections – 35 U.S.C. § 112**

The amendment filed September 10, 2007 is rejected to under 35 U.S.C. 112, 1<sup>st</sup> paragraph as failing to comply with the enablement requirement.

In response to the rejection thereto, as stated above, Applicants have receded back to earlier versions without including any of the objected subject matter, in which the alleged new matter has been canceled. As such, the enablement requirement has been satisfied.

**Claim Rejections – 35 U.S.C. § 102**

The Office Action rejected claims 1, 4-6, 12-17 and 19 under 35 U.S.C. 102(b) as being anticipated by Greeff.

In response to the rejection thereto, Applicants have amended claims 1, 12 and 16 and hereby otherwise traverses this rejection. As such, Applicants submit that the present invention as set forth in claims 1, 4-6, 12-17 and 19 is novel and unobvious over Greeff, or

any of the other cited references, taken alone or in combination, and should be allowed, for at least the following reasons.

As currently amended, each of independent claims 1, 12 and 16 now recites the limitation of “a **bus isolator control bus coupled between the bus isolator and the control apparatus**, so that the bus isolator is controlled by a **signal** issued by the control apparatus via the bus isolator control bus ...”. (*Emphasis added*)

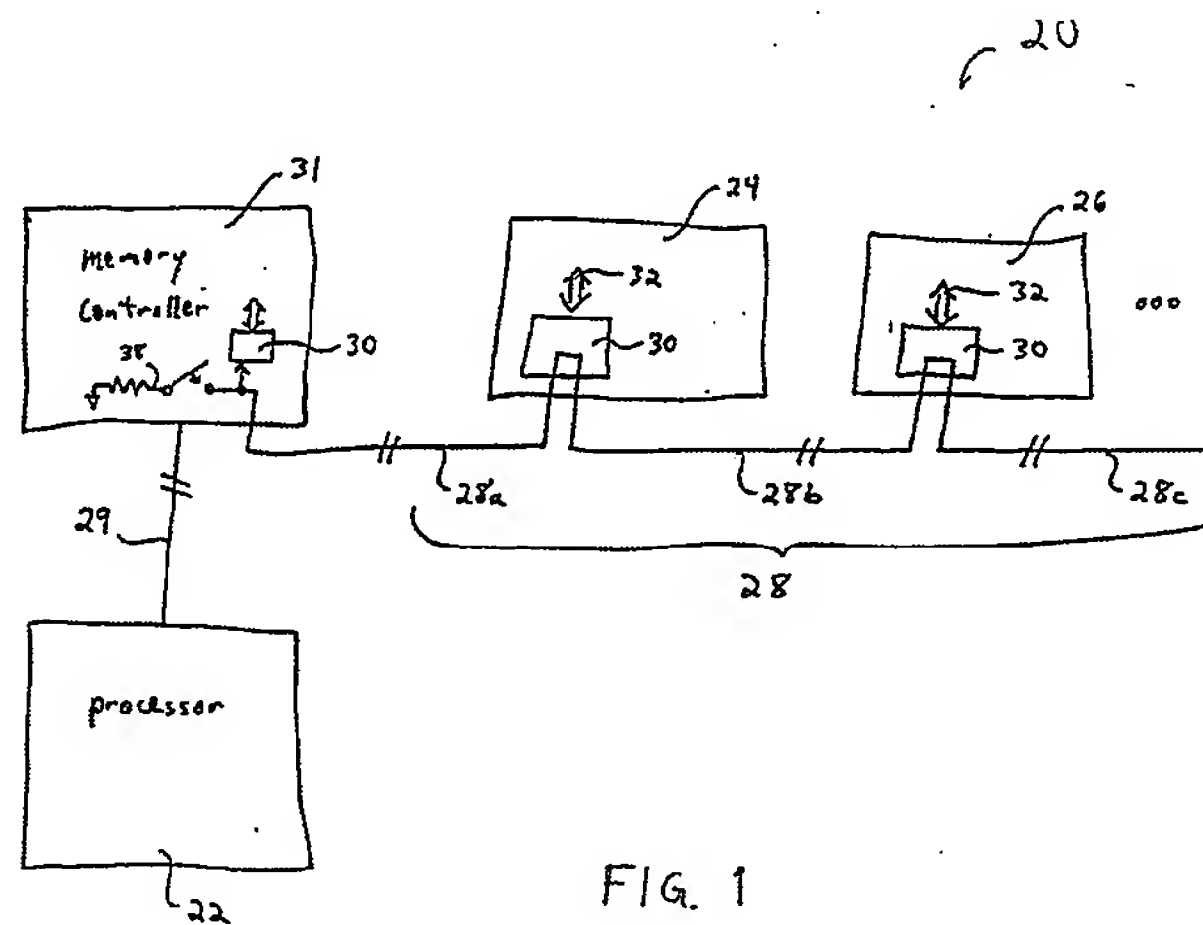


FIG. 1

However, as shown in Fig. 1, Greff fails to such a bus isolator control bus, as required by claims 1, 12, and 16, as currently amended.

To be specific, please see Figs. 1-2, 4 and 6 of the present application, the bus isolator control bus 110 is coupled between the bus isolator 170 and the control apparatus 100/200. However, please see Figs. 1 and 2 of Greff, just only a bus segment 28a corresponding to the shared bus of the present application asserted by the Examiner is coupled between the switching circuit 39 corresponding to the bus isolator of the present application asserted by the Examiner and the memory controller 31 corresponding to the control apparatus of the present application asserted by the Examiner, no other bus segment corresponding to the bus isolator control bus of the present application is coupled between the switching circuit and the memory controller.

As such, claims 1, 12 and 16 are submitted to be novel and unobvious over Greeff, or any of the other cited references, taken alone or in combination, and thus should be allowed.

Further, claims 4-6, 13-17 and 19 depend on allowable independent claims 1, 12 and 16, respectively, and thus should also be allowed.

**Claim Rejections – 35 U.S.C. § 103**

The Office Action further rejected claims 2-3 and 7-11 under 35 U.S.C. 103(a) as being unpatentable over Greeff. The Office Action rejected claim 18 under 35 U.S.C. 103(a) as being unpatentable over Greeff.

Applicants respectfully submit that if independent claim 1 is allowable over the prior art of record, then its dependent claims 2-3 are allowable as a matter of law, because these dependent claims contain all features of their respective independent claim 1. *In re Fine*, 837 F.2d 1071 (Fed. Cir. 1988).

Claim 7, as currently amended contains similar limitation which has been discussed as not taught, disclosed, or suggested by Greeff, and thus should be allowed. As such, claims 8-11 depend on allowable independent claim 7, and thus should also be allowed.

Applicants respectfully submit that claim 18 depends on allowable claim 16, and thus should also be allowable.

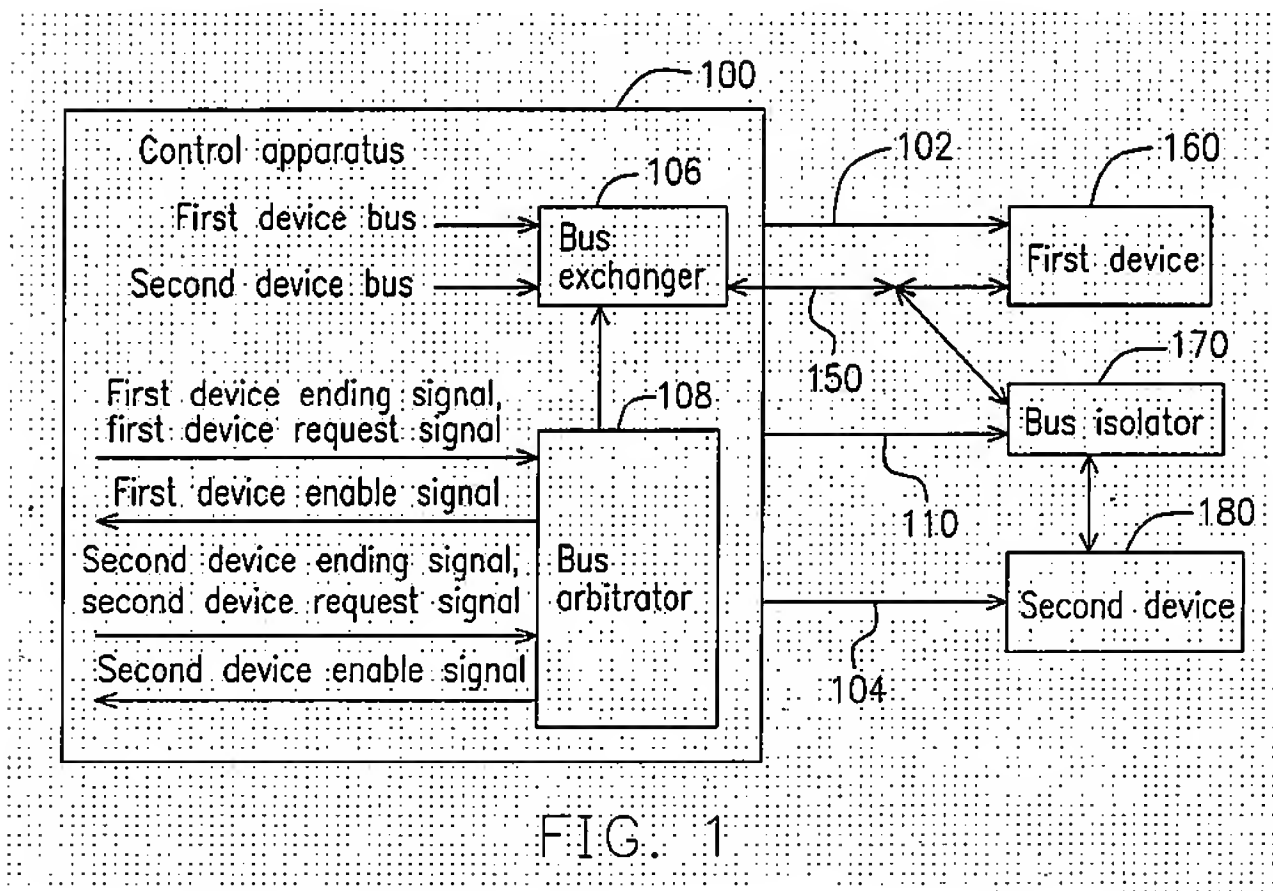
### Rest Claim

Claim 20 is previously added depending on allowable independent claim 1, and thus should also be allowed.

Applicants note that claim 20 is rejected only under 35 U.S.C. 112, 1<sup>st</sup> paragraph.

Applicants submit that the 35 U.S.C. 112, 1<sup>st</sup> paragraph has been traversed as discussed above; claim 20 should be allowed.

Claim 20 recites "The system of claim 1 further comprising a **first bus** connecting



the control apparatus and the first device for controlling the first device and a **second bus** connecting the control apparatus and the second device for controlling the second device" and is supported by the drawings.

*(Emphasis added)*

For example, as shown in Fig. 1 of the present application, it shows a **first bus** 102 connecting the control apparatus 100 and the first device 160 for controlling the first device and a **second bus** 104 connecting the control apparatus 100 and the second device 180 for controlling the second device. Applicants submit that such the first bus and the second bus is neither taught, disclosed, nor suggested by Greeff, Chao, or any of the other cited references, taken alone or in combination, and thus claim 20 should be allowed.

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**CONCLUSION**

For at least the foregoing reasons, it is believed that the pending claims 1-20 are in proper condition for allowance and an action to such effect is earnestly solicited. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Date :

Respectfully submitted,

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